

## Volk, Everett

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**From:** Kron, Darrin [dkron@mt.gov]  
**Sent:** Wednesday, January 08, 2014 4:21 PM  
**To:** Laidlaw, Tina  
**Subject:** RE: Updated data matrix for Hyalite Creek below Reservoir.

I think we are caught up. See you tomorrow.

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**From:** Laidlaw, Tina [<mailto:Laidlaw.Tina@epa.gov>]  
**Sent:** Wednesday, January 08, 2014 1:45 PM  
**To:** Kron, Darrin  
**Subject:** RE: Updated data matrix for Hyalite Creek below Reservoir.

Great.

FYI, I think I reviewed all the delisting details that you emailed me. Let me know if I missed something. We can also talk more after our meeting tomorrow.

Tina

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**From:** Kron, Darrin [<mailto:dkron@mt.gov>]  
**Sent:** Wednesday, January 08, 2014 1:44 PM  
**To:** Laidlaw, Tina  
**Subject:** RE: Updated data matrix for Hyalite Creek below Reservoir.

Yes. You are correct. I only provided the text portion of the assessment that was to document what data we had on hand and what data was used or not used.

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**From:** Laidlaw, Tina [<mailto:Laidlaw.Tina@epa.gov>]  
**Sent:** Wednesday, January 08, 2014 12:45 PM  
**To:** Kron, Darrin  
**Subject:** RE: Updated data matrix for Hyalite Creek below Reservoir.

Darrin,

This looks good. So, not remembering the rest of the data matrix off the top, the nutrient concentrations meet the criteria and only the 2004 chl-a value exceeded. Right?

Tina

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**From:** Kron, Darrin [<mailto:dkron@mt.gov>]  
**Sent:** Thursday, January 02, 2014 7:44 PM  
**To:** Laidlaw, Tina  
**Subject:** Updated data matrix for Hyalite Creek below Reservoir.

Berscheid, Jolene (2006), STORET/Storease Data Archive [Electronic Resource] - One benthic algae sample was collected in 2004 using the "6-rock" method. This sample result value was not included in this nutrient assessment. The "6-rock" method is considered an estimate and is considered less representative of current condition than samples collected using current DEQ sampling protocols for benthic algae. Since the minimum sample size requirements for benthic algae

was met using only data collected using approved sampling protocols, this sample was excluded from the analysis. Additional information about this sample result value can be found in the TMDL document (ref. # 14302).

Biological Comments - ALGAE: Benthic algae samples were collected using DEQ sampling protocols during the index period when nutrient criteria apply for the Middle Rockies Level III Ecoregions (July 1 - Sept 30). Two samples were collected and analyzed for chlorophyll a and one visual estimate of benthic algal growth and chlorophyll a concentrations were made; all were evaluated against the related assessment information threshold for benthic algal chlorophyll-a and ash-free dry mass in the Middle Rockies of 125 mg/m<sup>2</sup> and 35 g/m<sup>2</sup>, respectively. All three values (range = 0.383 -

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